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7
8 **BEFORE THE**
9 **CALIFORNIA STATE WATER RESOURCES CONTROL BOARD**

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12 HEARING IN THE MATTER OF
13 CALIFORNIA DEPARTMENT OF WATER
14 RESOURCES AND UNITED STATES
15 BUREAU OF RECLAMATION REQUEST
FOR A CHANGE IN POINT OF DIVERSION
FOR CALIFORNIA WATERFIX

**PROTESTANT RESTORE THE DELTA'S
SUBMISSION OF EVIDENCE IN SUPPORT
OF ITS CASE IN CHIEF**

1 Protestant Restore the Delta (RTD) hereby submits into evidence the following documents,
 2 which have been revised pursuant to the Board's rulings and instructions regarding the scope of
 3 Part 1 of the California WaterFix Water Right Change Petition. The most recent and final revisions
 4 were completed and submitted to the Board on November 30, 2016. Each of the documents listed
 5 below is associated with RTD's case in chief and was authenticated for purposes of submitting it into
 6 evidence before the Board during RTD's panel presentation of its five Part 1 witnesses on
 7 December 8, 2016.

8	RTD-1	Tim Strohane Qualifications
9	RTD-2	Barbara Barrigan-Parrilla Qualifications
10	RTD-3	Michael Machado Qualifications
11	RTD-4	Esperanza Vielma Qualifications
12	RTD-6	Ixtzel Reynoso Qualifications
13	RTD-6	Ixtzel Reynoso Qualifications
14	RTD-10-Rev2	Tim Strohane Second Revised Written Testimony (Revised 11/30/2016)
15	RTD-11-Rev	Tim Strohane revised presentation slides (Revised 11/30/2016)
16	RTD-20	Barbara Barrigan-Parrilla written testimony
17	RTD-21	Barbara Barrigan-Parrilla presentation
18	RTD-30 Erratum	Michael Machado written testimony
19	RTD-31	Michael Machado presentation slides
20	RTD-40-Rev	Esperanza Vielma Written Testimony
21	RTD-41	Esperanza Vielma presentation slides
22	RTD-60 Erratum	Ixtzel Reynoso written testimony
23	RTD-61 Erratum	Ixtzel Reynoso presentation slides
24	RTD-101	"Report on Feasibility of Feather River Project and Sacramento-San Joaquin Delta Diversion Projects Proposed as Features of the California Water Plan," May 1951.
25	RTD-102	"Program for Financing and Constructing the Feather River Project as the Initial Unit of the California Water Plan," February 1955.
26	RTD-103	Bulletin No. 76: Report to the California State Legislature on the Delta Water Facilities as an Integral Feature of the State Water Resources Development System, December 1960.
27	RTD-104	State Water Resources Control Board, Technical Report on the Scientific Basis for Alternative San Joaquin River Flow and Southern Delta Salinity Objectives, February 2012.
28	RTD-105	Eric A. Stene, Bureau of Reclamation, [History of] Trinity Division, Central Valley Project, 1996.
	RTD-106	Eric A. Stene, Bureau of Reclamation, [History of] Shasta Division, Central Valley Project, 1996.
	RTD-107	Eric A. Stene, Bureau of Reclamation, [History of] Sacramento River Division, Central Valley

1		Project, 1994.
2	RTD-108	William Joe Simonds, Bureau of Reclamation, [History of] The American River Division, Folsom and Sly Park Units, Auburn-Folsom South Unit, Central Valley Project, 1994.
3	RTD-109	Eric A. Stene, Bureau of Reclamation, [History of] Delta Division, Central Valley Project, 1994.
4	RTD-110	William Joe Simonds, Bureau of Reclamation, [History of] New Melones Unit, Central Valley Project, 1994.
5	RTD-111	Robert Autobee, Bureau of Reclamation, [History of] San Luis Unit, West San Joaquin Division, Central Valley Project, n.d.
6	RTD-112	Wyndham E. Whynot and William Joe Simonds, Bureau of Reclamation, [History of] San Felipe Division, Central Valley Project, 1994.
7	RTD-113	Robert Autobee, Bureau of Reclamation, [History of] Friant Division, Central Valley Project, 1994.
8	RTD-114	Summary of Central Valley Project Division Start and Completion Dates, with Exhibit Citations
9	RTD-115	California Department of Water Resources, California State Water Project Atlas, 1999.
10	RTD-116	Summary of State Water Project Division Start and Completion Dates, with Exhibit Citations
11	RTD-117	California Department of Water Resources, Bulletin 132-10: Management of the California State Water Project, 2009.
12	RTD-118	California Department of Water Resources, Petition for Extension of Time with Supplement, December 31, 2009, 12 pages.
13	RTD-119	RTD spreadsheet summary and analysis of delivery data for Central Valley Project, 1985-2014 from U.S. Bureau of Reclamation Central Valley Operations web site.
14	RTD-120	California Department of Water Resources, Memorandum Response to California Water Impact Network and AquAlliance's Formal Protest of the Department of Water Resources' Petition for Extension of Time Regarding the State Water Project Permitted Water Right Applications, February 10, 2011.
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16	RTD-121	U.S. Bureau of Reclamation, Petition for Extension of Time, with Supplement, June 23, 2009; noticed by State Water Resources Control Board September 3, 2009.
17	RTD-128	U.S. Bureau of Reclamation Permit Face Amounts of Central Valley Project Water Rights Permits, from eWRIMS data, with Restore the Delta spreadsheet analysis.
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19	RTD-129	California Department of Water Resources Face Amounts of State Water Project Water Rights Permits, from eWRIMS data, with Restore the Delta spreadsheet analysis.
20	RTD-130	Environmental Water Caucus, Comments on Bay Delta Conservation Plan/"California WaterFix" Tunnels Project Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement, October 30, 2015.
21	RTD-131	Tim Stroshane, Testimony on Water Availability Analysis, prepared for California Water Impact Network, California Sportfishing Protection Alliance, and AquAlliance, submitted for Phase 2 of State Water Resources Control Board, Bay-Delta Water Quality Control Plan Update , October 26, 2012. Accessible at www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/docs/comments111312/tim_stroshane.pdf .
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24	RTD-132	U.S. Bureau of Reclamation, Trinity River Record of Decision, 2000.
25	RTD-138	Central Valley Regional Water Quality Control Board, Salinity in the Central Valley: An Overview, May 2006.
26	RTD-139	March Fong Eu, California Secretary of State, Supplement to Statement of Vote, Primary Election, June 8, 1982.
27	RTD-140	UC Hastings Scholarship Repository, 1982 Water Facilities including a Peripheral Canal.
28	RTD-142	North State Water Alliance, Comments on the Bay Delta Conservation Plan and its Impacts on

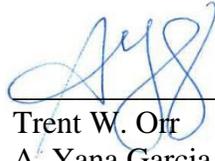
1		Regional Sustainability in the North State, July 28, 2014, plus exhibits and attachments.
2	<u>RTD-143</u>	East Bay MUD, Comments on the Bay Delta Conservation Plan Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement, October 28, 2015.
3	<u>RTD-144</u>	East Bay MUD, Protest and Notice of Intent to Appear, January 4, 2016
4	<u>RTD-145</u>	Faunt, C.C., ed., 2009, Groundwater Availability of the Central Valley Aquifer, California: U.S. Geological Survey Professional Paper 1766, 225 p.
5	<u>RTD-146</u>	Northeastern San Joaquin County Groundwater Banking Authority, Eastern San Joaquin Groundwater Basin, Groundwater Management Plan, 2004.
6	<u>RTD-147</u>	San Joaquin County Flood Control and Water Conservation District, Water Management Plan, Phase 1 - Planning Analysis and Strategy, October 2001.
7	<u>RTD-148</u>	California Department of Water Resources, Quantity and Quality of Waters Applied to and Drained from the Delta Lowlands, Report No. 4, July 1956.
8	<u>RTD-149</u>	Mean monthly flows (cfs) for Model Scenarios for the Sacramento River Downstream of the North Delta Diversion Facility.
9	<u>RTD-150</u>	Mean monthly flows (cfs) for Model Scenarios for the Sacramento River at Rio Vista.
10	<u>RTD-152</u>	Screen shots of search results from DWR-117.
11	<u>RTD-153</u>	Contra Costa Water District, Comments on Bay Delta Conservation Plan and Draft EIR/EIS, July 25, 2014, including attachments.
12	<u>RTD-154</u>	Contra Costa Water District, Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/SDEIS) for the Bay Delta Conservation Plan/WaterFix, October 30, 2015, including attachments.
13	<u>RTD-202</u>	Executive Order 12898 of February 11, 1994, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, Federal Register 59(32): February 16, 1994.
14	<u>RTD-203</u>	U.S. Department of the Interior, Environmental Justice Strategic Plan, 2012-2017.
15	<u>RTD-204</u>	California Department of Justice, Fact Sheet: Environmental Justice at the Local and Regional Level, Legal Background, updated 7/10/2012.
16	<u>RTD-205</u>	Environmental Justice Communities in the Delta - American Community Survey 2014 data on population by race and Hispanic or Latino Ethnicity (of any race).
17	<u>RTD-206</u>	Environmental Justice Communities in the Delta - American Community Survey 2014 Data on Percentage of Families and People Whose Income in the Past 12 Months is Below the Poverty Level
18	<u>RTD-207</u>	Environmental Justice Communities in the Delta - American Community Survey 2014 Data on Language Spoken at Home
19	<u>RTD-209</u>	State Water Resources Control Board, Beneficial Uses Development: Tribal Traditional and Cultural, Tribal Subsistence Fishing, and Subsistence Fishing Beneficial Uses, Stakeholder Outreach Document, June 2016
20	<u>RTD-211</u>	Economic Innovations Group, The 2016 Distressed Communities Index: An Analysis of Community Well-Being Across the United States. Accessible at http://eig.org/dci , including mapped data on cities, counties, and zip codes.
21	<u>RTD-212</u>	Summary of Delta Region Distressed Community Index Scores, with supporting data from Economic Innovations Group.
22	<u>RTD-213</u>	Thomas H. Means, Salt Water Problem, San Francisco Bay and Delta of Sacramento and San Joaquin Rivers, April 1928.
23	<u>RTD-215</u>	W. Turrentine Jackson and Alan M. Paterson, The Sacramento-San Joaquin Delta: The Evolution and Implementation of Water Policy, an Historical Perspective, California Water
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1		Resources Center, Contribution No. 163, June 1977.
2	RTD-216	University of the Pacific Eberhardt School of Business, Center for Business and Policy Research, May 2016 California and Metro Forecast.
3	RTD-217	City of Stockton Water Service Area Map
4	RTD-218	City of Stockton, Draft Urban Water Management Plan, 2015, May 2016.
5	RTD-219	California Water Service Company, 2015 Urban Water Management Plan, Stockton District, June 2016.
6	RTD-220	State Water Resources Control Board, Transmittal of Water Supply Permit to City of Stockton, July 21, 2015.
7	RTD-221	City of Stockton, 2014 Bay Delta Conservation Plan comments.
8	RTD-222	City of Stockton, 2015 California WaterFix RDEIR comments.
9	RTD-223	City of Stockton, Protest of California WaterFix Change Petition, January 5, 2016.
10	RTD-224	City of Stockton, Municipal Utilities Department, May 2016 Water Rate Study.
11	RTD-225	Stockton Retail Water Sources, 2015.
12	RTD-226	Projected Water Supplies for Stockton, 2020 to 2040.
13	RTD-227	City of Stockton, Water Quality Report for 2015, June 2016.
14	RTD-228	California Water Service Company, 2015 Water Quality Report.
15	RTD-229	Methodology for Estimating Population of Delta Region Subsistence Anglers from Fishing License Data
16	RTD-230	Methodology for Estimating Delta Counties Subsistence Anglers from Angling Intensity (Hours) Data
17	RTD-231	F. Shilling, A.White, L. Lippert, and M. Lubell, 2010. Contaminated fish consumption in California's Central Valley Delta. Environmental Research 110(2010): 334-344.
18	RTD-232	J.A. Davis, B.K. Greenfield, G. Ichikawa, and M. Stephenson, 2008. Mercury in sport fish from the Sacramento-San Joaquin Delta region, California, USA. Science of the Total Environment 391: 66-75.
19	RTD-233	F. Shilling, 2003. Background Information for a Central Valley Fish Consumption Study
20	RTD-234	California Department of Fish and Game, Automated License Data System, Catalog Item Activity by Customer Geographical Area - Data Point (License Data by County) - 11/15/2013 to 12/31/2014.
21	RTD-235	Silver, E., J. Kaslow, D. Lee, S. Lee, M.L. Tan, E. Weis, and A. Ujihara, 2007. Fish consumption and advisory awareness among low-income women in California's Sacramento-San Joaquin Delta.
22	RTD-236	Berg, M. and M. Sutula, 2015. Factors affecting the growth of cyanobacteria with special emphasis on the Sacramento-San Joaquin Delta, Southern California Coastal Water Research Project Technical Report 869, August 2015.
23	RTD-237	P.W. Lehman, K. Marr, G.L. Boyer, S. Acuna, and S.J. The, 2013. Long-term trends and causal factors associated with Microcystis abundance and toxicity in San Francisco Estuary and implications for climate change impacts. Hydrobiologia 718: 141-158. DOI 10.1007/s10750-013-1612-8.
24	RTD-238	United States Department of Agriculture, Economic Research Service, Food Access Maps and documentation, accessed July 24, 2016.
25	RTD-239	United States Department of Agriculture, Economic Research Service, Food Access Summary Data for Delta County Census Tracts.
26	RTD-240	Valley Vision, Inc., A Community Health Needs Assessment of San Joaquin County, conducted on behalf of San Joaqui County Community Health Assessment Collaborative, March 2013.

1	RTD-241	BDCP Steering Committee Outreach Work Group to BDCP Steering Committee, regarding Public Outreach Process for BDCP (for Steering Committee Action), June 29, 2007.
2	RTD-242	BDCP Steering Committee Meeting, BDCP Delta Workshop Report, October 22, 2009.
3	RTD-243	Department of Water Resources, Delta Habitat Conservation and Conveyance Program, Environmental Justice Community Survey Summary Report, 1/25/2010, Standard Agreement No. 4600008104, Task Order No. 7, Subtask 7.2, Document Number 9AA-06-13-110-001.
4	RTD-244	Summary Table of Environmental Justice Survey Respondents to DWR's 2010 environmental justice survey. Prepared by Restore the Delta.
5	RTD-245	Joint letter from Restore the Delta, Environmental Justice Coalition for Water, Asian Pacific Self-Development and Residential Association, American Friends Service Committee (Proyecto Voz), Café Coop, Environmental Water Caucus, California Sportfishing Protection Alliance, California Water Impact Network, and Friends of the River, to Secretary John Laird, California Natural Resources Agency; Secretary Sally Jewell, US Department of the Interior; David Murillo, US Bureau of Reclamation; Mark Cowin, California Department of Water Resources, et al, May 28, 2014, concerning Request for Restarting and Extending Bay Delta Conservation Plan Comment Period Due to Lack of Meaningful Access for Limited English Speakers.
6	RTD-246	San Joaquin County 2016 Community Health Needs Assessment.
7	RTD-301	Delta Protection Commission, Delta Economic Sustainability Plan, Public Draft, October 2011.
8	RTD-302	Delta Science Program, Independent Review Panel, Delta Economic Sustainability Plan, December 2011.
9	RTD-303	Letter of Michael Machado and Jeffrey Michael, December 2011, Response to Independent Review of Delta Economic Sustainability Plan
10	RTD-304	Forecasted Crop Revenue and Job Loss Impacts from Increasing Delta Salinity, from Delta Economic Sustainability Plan; analysis by Restore the Delta.
11	RTD-305	Delta Economic Sustainability Plan, Appendix G, Crops, Salinity, and Modeling Data (Chapter 7)
12	RTD-401	Declaration of Don Aguillard, Central Valley Neighborhood Harvest
13	RTD-402	Declaration of Eric Firpo, In Season
14	RTD-403	Declaration of Paul Marsh, Mile Wine Company
15	RTD-404	Declaration of Subash Sil, TAPS Bar & Grill, Stockton
16	RTD-406	PUNTES Business Plan, submitted to San Joaquin County Administrator Manuel Lopez, April 10, 2012.
17	RTD-407	Daniel Thigpen, "Stockton man grows, buys backyard produce for resale," Stockton Record, March 14, 2010.
18	RTD-408	Sonya Herrera, "PUNTES offers courses for urban farmers," The Delta Collegian, March 21, 2014.
19	RTD-409	"PUNTES: Giving people the means to grow health food," Stockton Record, December 13, 2015.
20	RTD-410	San Joaquin Certified Farmers' Markets web pages and regulations.
21	RTD-411	Visit Stockton web pages, "Farmers' Markets In and Around Stockton," as of July 26, 2016.
22	RTD-412	Black Urban Farmers Association Facebook pages, as of July 22, 2016.
23	RTD-413	Almendra Carpizo, "Black Urban Farmers' Association," Stockton Record, June 20, 2015.
24	RTD-414	StartUp Town, "Dr. Gail Myers, Anthropologist & Urban Farmer," posted September 8, 2015.
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Respectfully submitted,



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STATEMENT OF SERVICE

CALIFORNIA WATERFIX PETITION HEARING
Department of Water Resources and U.S. Bureau of Reclamation (Petitioners)

I hereby certify that I have this day submitted to the State Water Resources Control Board and caused a true and correct copy of the following document(s):

**PROTESTANT RESTORE THE DELTA'S SUBMISSION OF EVIDENCE
IN SUPPORT OF ITS CASE IN CHIEF**

to be served **by Electronic Mail** (email) upon the parties listed in Table 1 of the **Current Service List** for the California WaterFix Petition Hearing, dated November 15, 2016, posted by the State Water Resources Control Board at http://www.waterboards.ca.gov/waterrights/water_issues/programs/bay_delta/california_waterfix/service_list.shtml

I certify that the foregoing is true and correct and that this document was executed on December 12, 2016.

Signature: _____



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